


ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** BRS LB-1630(4) Baker County **OFFICE** Preconstruction  
P. I. No. 442850  
**DATE** June 8, 1999  
**FROM**  C. Wayne Hutto, Assistant Director of Preconstruction  
**TO** SEE DISTRIBUTION

**SUBJECT PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

CWH/cj


Attachment

**DISTRIBUTION:**

Walker Scott  
Bobby Mustin  
David Studstill (ATTN: Harvey Keeper)  
Jerry Hobbs  
Herman Griffin  
Georgene Geary (ATTN: Michael Henry)  
Marion Waters  
Marta Rosen  
Paul Liles  
Don Mills  
David Crim

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

## INTERDEPARTMENT CORRESPONDENCE

**FILE** BRSLB-1630(4) Baker County **OFFICE** Preconstruction  
P.I. No. 442850  
 **DATE** May 4, 1999  
**FROM** Walker W. Scott, Jr., P.E., Director of Preconstruction  
**TO** Wayne Shackelford, Commissioner

**SUBJECT      PROJECT CONCEPT REPORT**

This project is the replacement of a narrow and structurally deficient bridge on CR 124 over Big Cypress Creek, approximately 12 miles southwest of Newton, Georgia. The existing bridge (120' x 24') is in poor condition with general deterioration throughout the entire structure primarily due to age. The bridge has a sufficiency rating of 34. The existing approaches consist of two, 9' lanes with 5' rural shoulders on 80' of existing right-of-way. The base year traffic (2004) is 150 VPD and the design year (2024) projection is 200 VPD. The posted speed and the design speed are 55 MPH.

The construction proposes to replace the existing bridge over Big Cypress Creek with a new 120' x 28' concrete structure along the existing alignment. The approaches will consist of two, 11' lanes with 5' rural shoulders on 100' of proposed right-of-way. The existing roadway will be closed to traffic during construction. Baker County will be responsible for the signing and maintenance of detour routes.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$388,000	\$390,000	2002	01-10
Right-of-Way & Utilities*	Local	Local		

\*LGPA sent 12-9-98 requesting Baker County be responsible for right-of-way, utilities and detours.

Wayne Shackelford

Page 2

BRSLB-1630(4) Baker

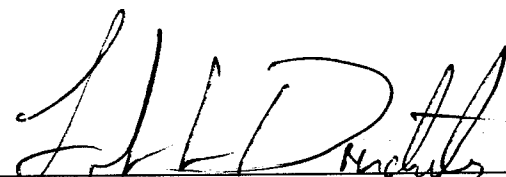
May 4, 1999

This project is in the STIP. I recommend this project concept be approved.

WWS:JDQ/cj

Attachment

CONCUR



Frank L. Danchetz, P.E., Chief Engineer

APPROVE



Wayne Shackelford, Commissioner

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENTAL CORRESPONDENCE**

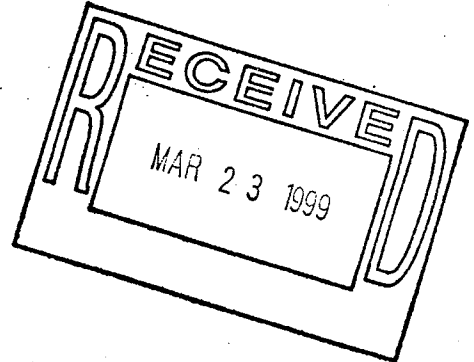
**FILE:** BRSLB-1630(4) Baker  
P.I. Number 442850

**OFFICE:** Atlanta, Georgia

**DATE:** March 22, 1999

**FROM:** Bob Mustin, Project Review Engineer *DTM*  
**TO:** Wayne Hutto, Assistant Director of Pre-construction

**SUBJECT: CONCEPT REPORT**



We have reviewed the concept report submitted March 22, 1999 by the letter from Zane Hutchinson dated March 15, 1999, and have no comments.

The costs for the project are:

Construction	\$307,000
Inflation	\$ 31,000
E&C	\$ 34,000
Preliminary Engineering	\$ 16,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 0

DTM

c: Zane Hutchinson

# PROJECT CONCEPT REPORT

## BRS LB-1630 (4) P. I. NO. 442850 BAKER COUNTY

Federal Route No.: FAS-1630

Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date \_\_\_\_\_ State Transportation Planning Administration

Date \_\_\_\_\_ State Transportation Programming Engineer

Date \_\_\_\_\_ State Environmental/Location Engineer

3-15-99  
Date \_\_\_\_\_  
District Engineer/Tifton

Date \_\_\_\_\_ Project Review Engineer

Date \_\_\_\_\_ State Traffic Operation Engineer

Date \_\_\_\_\_ State Bridge & Structural Engineer

**BRS LB-1630 (4) BAKER**

**P. I. NO. 442850**

**CR 124/FAS 1630 @ BIG CYPRESS  
CK APP 12 MI SW OF NEWTON**

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CR 124/FAS 1630 @ BIG CYPRESS  
CK APP 12 MI SW OF NEWTON

**CYPRESS CREEK**

## PROJECT CONCEPT REPORT

**PROJECT NUMBER:** BRSLB-1630 (4)

### PROJECT LOCATION AND DESCRIPTION

BRSLB-1630 (4) is a bridge replacement on CR. 124 in Baker Co. at Big Cypress Creek approximately 12 miles Southwest of Newton, Ga. The existing typical section is a Rural two lane roadway with open ditches on 80 ft. of Rights of Way. The proposed typical section is a Rural two lane roadway with open ditches on 100 ft. of Rights of Way. The roadway will be closed during construction with Baker Co. furnishing the off-site detour. The project will begin at approximately ML 2.70 and the concept goes North for 0.18 miles to the end of the project at ML 2.88.

### TRAFFIC

#### CURRENT

#### PROJECTED

YEAR

AADT

YEAR

AADT

2004

150

2024

200

#### PDP CLASSIFICATION

#### FUNCTIONAL CLASSIFICATION

MINOR

RURAL MAJOR COLLECTOR

NON-CA ( )

CA ( )

EXEMPT ( X )

N/A ( )

### NEED AND PURPOSE

Bridge is narrow and unsafe with a Sufficiency Rating of 34.9

### EXISTING ROADWAY

<b>TYPICAL SECTION:</b>	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	<b>RIGHT-OF-WAY WIDTH</b> 80 ft.
<b>POSTED SPEED</b> 55 mph	<b>DEGREE OF CURVE</b> 0	<b>MAX GRADE</b> 1 %

### MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
BIG CYPRESS CREEK	120	24	N/A	34.9

HAZARD INDEX: N/A

### PROPOSED ROADWAY

#### LOCATION ON OLD ALIGNMENT

<b>TYPICAL SECTION:</b>	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
DESIGN SPEED	DEGREE OF CURVE		MAX. GRADE	
55 mph	ALLOWABLE	6	ALLOWABLE	7 %
	PROPOSED	0	PROPOSED	1 %

### PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
BIG CYPRESS CREEK	120	32' 20"

### PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS			
100 ft.	2	RES.: 0	BUS.: 0	M.H.: 0	

TYPE OF ACCESS CONTROL: By permit.



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**COORDINATION AND SCHEDULING**

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**CONCEPT TEAM MEETING DATE:** FEBRUARY 18, 1999

**CONFORM TO TIP/STIP?** YES  X  NO

**MEET LOGICAL TERMINI REQUIREMENTS?** YES  X  NO

**P.A.R. MEETING:** N/A

**PERMITS REQUIRED:** NATIONWIDE 404

**LEVEL OF PUBLIC INVOLVEMENT:** NONE

**SCHEDULING CONSIDERATIONS:**

**TIME TO COMPLETE ENVIRONMENTAL:** 10 MONTHS

**TIME TO COMPLETE PRELIMINARY RD/RW PLANS:** 10 MONTHS

**TIME TO COMPLETE 404 PERMIT:** 10 MONTHS

**TIME TO COMPLETE FINAL CONSTRUCTION PLANS:** 12 MONTHS

**TIME TO BUY RIGHTS-OF-WAY:** 12 MONTHS

**OTHER PROJECTS IN AREA:** BRSLB-1538 (4), BRZLB-007 (2) BAKER CO.

**LOCAL GOVERNMENT COMMITMENTS:** LGPA (Has not been signed)

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**MISCELLANEOUS**

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**TRAFFIC CONTROL DURING CONSTRUCTION:** Road to be closed during construction. Baker Co. will furnish a off site detour.

**LEVEL OF ENVIRONMENTAL ANALYSIS:** C.E.

**UNDERGROUND STORAGE TANKS:** NONE

**HAZARDOUS WASTE SITES:** NONE

**DESIGN VARIATIONS REQUEST**

	YES	NO	UNDETERMINED
SUBSTANDARD HORIZONTAL ALIGNMENT	( )	( X )	( )
SUBSTANDARD ROADWAY WIDTH	( )	( X )	( )
SUBSTANDARD SHOULDER WIDTH	( )	( X )	( )
SUBSTANDARD VERTICAL GRADES	( )	( X )	( )
SUBSTANDARD CROSS SLOPES	( )	( X )	( )
SUBSTANDARD STOPPING SIGHT DISTANCE	( )	( X )	( )
SUBSTANDARD SUPERELEVATION RATES	( )	( X )	( )
SUBSTANDARD HORIZONTAL CLEARANCE	( )	( X )	( )
SUBSTANDARD SPEED DESIGN	( )	( X )	( )
SUBSTANDARD VERTICAL CLEARANCE	( )	( X )	( )
SUBSTANDARD BRIDGE WIDTH	( )	( X )	( )
SUBSTANDARD BRIDGE STRUCTURAL CAPACITY	( )	( X )	( )

**ALTERNATIVES CONSIDERED**

1. No Build

**ESTIMATED COST**

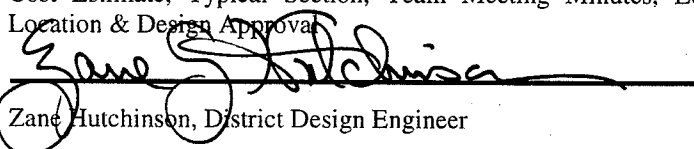
CONSTRUCTION:	\$ 306,800.00	RIGHT-OF-WAY:	\$ 0.00
E & C (10%):	30,680.00	ACQUIRED BY:	BAKER CO.
INFLATION:	33,748.00	UTILITIES:	\$ 0.00
(2 yrs at 5% per yr.): 10 %		ADJUSTED BY:	UTILITY COMPANIES
TOTAL CONSTRUCTION COST:	\$ 371,228.00		

**COMMENTS**

**ATTACHMENTS:**

Cost Estimate, Typical Section, Team Meeting Minutes, Location Sketch. Traffic Count, Accident History, Location & Design Approval

**PREPARED BY:**

  
Zane Hutchinson, District Design Engineer

# PRELIMINARY COST ESTIMATE

PROJECT NO.	BRS LB-1630 (4)		COUNTY:	BAKER
P. I. NO.	442850			
DATE:	March 15, 1999		ESTIMATED LETTING DATE:	OCT. 2001
PREPARED BY:	ZANE HUTCHINSON			
( )	PROGRAM PROCESS	(X)	CONCEPT DEVELOPMENT	( ) DURING PROJECT DEVELOPMENT

PROJECT COST		
<b>A. RIGHT OF WAY</b>		
1. PROPERTY (Land & Easement)	\$	0.00
2. DISPLACEMENTS (RES:0, BUS: 0, M.H.: 0)	\$	N/A
3. OTHER COSTS (ADM./COST INFLATION)	\$	N/A
<b>SUBTOTAL: A</b>		<b>\$ 0.00</b>
<b>B. REIMBURSABLE UTILITIES</b>		
1. RAILROAD	\$	N/A
2. TRANSMISSION LINES	\$	0.00
3. SERVICES	\$	N/A
<b>SUBTOTAL: B</b>		<b>\$ 0.00</b>
<b>C. CONSTRUCTION</b>		
<b>1: MAJOR STRUCTURES</b>		
a. BRIDGES	\$	192,000.00
b. OTHERS (APPROACH SLABS)	\$	20,200.00
<b>SUBTOTAL: C-1</b>		<b>\$ 212,200.00</b>
<b>2. GRADING &amp; DRAINAGE</b>		
a. EARTHWORK	\$	45,000.00
b. DRAINAGE:		
1) Cross Drain Pipe	\$	N/A
2) Curb & Gutter	\$	N/A
3) Longitudinal System (including catch basins)	\$	N/A
<b>SUBTOTAL: C-2</b>		<b>\$ 45,000.00</b>
<b>3. BASE &amp; PAVING</b>		
a. AGGREGATE BASE	\$	N/A
b. ASPHALT PAVING		
1) Surface	\$	6,500.00
2) Binder	\$	2,800.00
3) Base	\$	3,500.00
c: CONCRETE PAVING	\$	N/A
d. OTHERS	\$	N/A
<b>SUBTOTAL: C-3</b>		<b>\$ 12,800.00</b>

<b>4. LUMP SUM</b>		
a. GRASSING	\$ 500.00	
b. CLEARING & GRUBBING	\$ 4,000.00	
c. LANDSCAPING	\$ N/A	
d. EROSION CONTROL	\$ 7,000.00	
e. TRAFFIC CONTROL	\$ 0.00	
f. REMOVAL OF EXISTING BRIDGE	\$ 17,300.00	
g. CONSTRUCT, MAINT., & REMOVE DETOUR STRUCTURE	\$ 0.00	
<b>SUBTOTAL: C-4</b>		<b>\$ 28,800.00</b>
<b>5. MISCELLANEOUS</b>		
a. LIGHTING	\$ N/A	
b. SIGNING & MARKING	\$ 200.00	
c. GUARDRAIL	\$ 7,800.00	
d. SIDEWALK	\$ N/A	
<b>SUBTOTAL: C-5</b>		<b>\$ 8,000.00</b>
<b>6. SPECIAL FEATURES</b>	\$ N/A	
<b>SUBTOTAL: C-6</b>		<b>\$ 0.00</b>

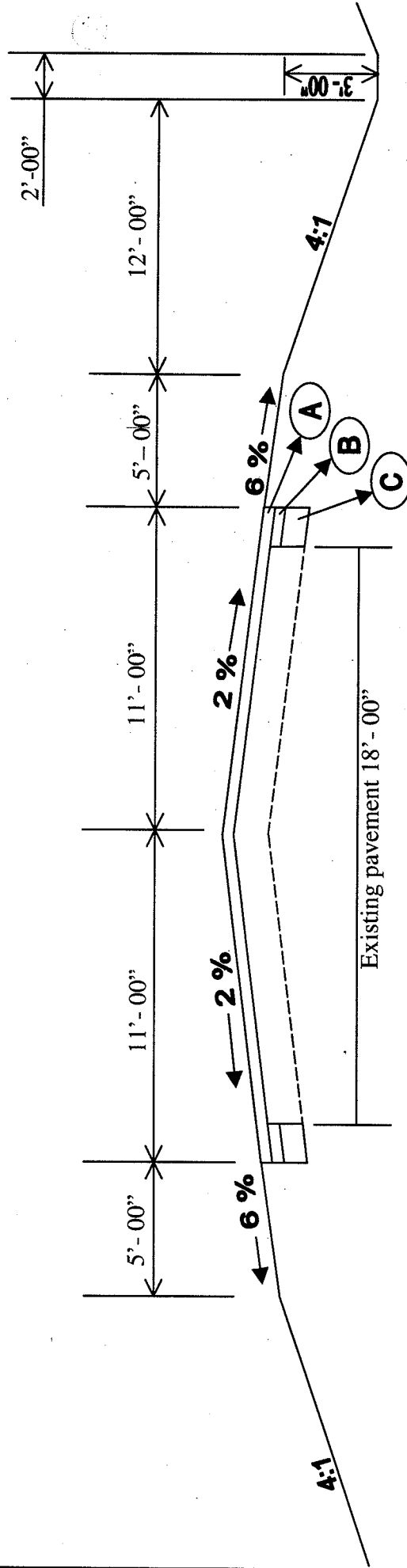
## ESTIMATE SUMMARY

<b>A. RIGHT OF WAY</b>			\$	0.00	
<b>B. REIMBURSABLE UTILITIES</b>			\$	0.00	
<b>C. CONSTRUCTION</b>					
1. MAJOR STRUCTURES			\$	212,200.00	
2. GRADING & DRAINAGE			\$	45,000.00	
3. BASE & PAVING			\$	12,800.00	
4. LUMP ITEMS			\$	28,800.00	
5. MISCELLANEOUS			\$	8,000.00	
6. SPECIAL FEATURES			\$	0.00	
<b>SUBTOTAL CONSTRUCTION COST</b>					\$ 306,800.00
E & C (10%)					\$ 30,680.00
INFLATION (5% PER YEAR)	NUMBER OF YEARS	2			\$ 33,748.00
<b>TOTAL CONSTRUCTION COST</b>					\$ 371,228.00
<b>GRAND TOTAL PROJECT COST</b>					\$ 371,228.00

# TYPICAL SECTION

**BRSLB-1630 (4) Baker Co.**

**P. I. No. 442850**



- A** 165 LB/SQ. YD. Asph Conc 12.5 mm Superpave
- B** 220 LB/SQ. YD. Asph Conc 19 mm Superpave
- C** 330 LB/SQ. YD. Asph Conc 25 mm Superpave

## ROAD INFORMATION SYSTEM

County	: BAKER	Type Median:	NONE
Route	: 12400, CR	Add.Lane lf:	NONE
Milepoint	: 0279	Add.Lane rt:	NONE
Number Lanes	: 02	Road system:	RURAL MAJOR COLLECTOR
Travel Width	: 020	Int RD Name:	
Truck %	: 10.5	Type Signal:	NONE
94 ADT,95 ADT	: 000100, 000100	Inv Year	: 97
Access Control:	UNCONTROLLED	Yr.Improved:	89
Paces rating	: 62 (1997)	Type Improv:	RESURFACE
Truck Route	: NO	Surface Typ:	MIXED BITUMINOUS
Accident Data	: CALL T&S	Pop Density:	RURAL OUTSIDE INCORP AREA
Right of Way	: EST-080	Operation	: TWO WAY (NON RESTRICTED)
Speed Limit	: 55	Description:	BRS00120 BIG CYPRESS
Left shd width:	05	Lft Shd Typ:	GRASS
Rgt shd width:	05	Rgt Shd Ttp:	GRASS
District	: TIFTON	Contact	: Joe Burns GIST. 342-3044

A advance, B=go back, M=back to menu: A

1(023,039)

## SECTION 1 - Location &amp; Geography

## Screen 1

\* Structure I.D. No.: 007-0012-0  
 200 Bridge Information: 06

\* 6A Feature Int.: BIG CYPRESS CREEK  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: CR00124  
 \* 7B Facility Carried: FAS 1630

\* 9 Location: APP 12 MI SW OF NEWTON  
 2 DOT District: 4  
 207 Year Photo: 95

\* 91 Inspection Frequency: 24 Date: 12/96  
 92A Fract Crit Insp Freq: 0 00 Date: 02/01  
 92B Underwater Insp Freq: 0 00 Date: 02/01  
 92C Other Spc. Insp Freq: 0 00 Date: 02/01

\* 4 Place Code: 00000

\* 5 Inventory Route (O/U): 1  
 Type.....: 4  
 Designator.: 1  
 Number.....: 01630  
 Direction...: 0

\* 16 Latitude.: 31-14.3  
 \* 17 Longitude: 084-31.7

98 Border Bridge: 000 %Shared: 00  
 99 ID. Number....: 0000000000000000

\*100 Defense Highway.....: 0  
 \*101 Parallel Structure...: N  
 \*102 Direction of Traffic: 2  
 264 Road Inventory Mile Post: 002.79 \_

\*208 Inspection Area: 11 Initials: JWH

\*Location I.D. No: 007-01630F-00371N

\*XReferen I.D. No: 000-000000-000000

## SECTION 1 - CONTINUED

## Screen 2

\*104 Highway System.....: 0  
 \* 26 Functional Classification: 07  
 \*204 Federal Route Type: S No:01630  
 \*110 Truck Route.....: 0  
 206 School Bus Route.....: 0  
 217 Benchmark Elevation....:0200.00  
 218 Datum.....: 1

\* 19 Bypass Length.....: 02  
 \* 20 Toll.....: 3  
 \* 21 Maintenance.....: 02  
 \* 22 Owner.....: 02  
 31 Design Load.....: 0  
 37 Historical Significance: 5  
 205 Congressional District.: 02  
 \* 27 Year Constructed.....: 1955  
 106 Year Reconstructed.....: 0000  
 33 Bridge Median.....: 0  
 34 Skew.....: 00  
 35 Structure Flared.....: 0  
 38 Navigation Control.....: 0  
 213 Special Steel Design...: 0  
 267 Type of Paint.....: 0  
 \* 42 Type Service On: 1  
 Under: 5  
 214 Movable Bridge....: 00

203 Type Bridge.....: C-K-A-O  
 259 Pile Encasement.....: 3  
 \* 43 Structure Type Main: 1 01  
 45 No. Spans Main.....: 008  
 44 Structure Type Appr: 000  
 46 No. Spans Appr.....: 0000  
 226 Bridge Curve Horz...: 0 Vert: 0  
 111 Pier Protection.....: 0  
 107 Deck Structure Type: 2

108 Wearing Surface Type: 1  
 Membrane: 8  
 Protection: 8  
 \*248 County Continuity No: 00

## SECTION 2 - Signs &amp; Attachments

## Screen 3

225 Expansion Joint Type: 02  
 242 Deck Drains.....: 1

243 Parapet Location: 0  
 Height: 00.0  
 Width: 00.0

238 Curb.....: 1.0 1  
 239 Handrail.....: 3 3  
 \*240 Median Barrier Rail: 0

241 Bridge Median Height: 0.0  
 Width: 00.0

\*230 Guardrail Loc Dir Rear: 0  
 Fwd: 0  
 Oppo Dir Rear: 0  
 Fwd: 0

244 Approach Slab.: 0  
 224 Retaining Wall: 0

233 Posted Speed Limit: 00  
 236 Warning Sign.....: 0  
 234 Delineator.....: 0  
 235 Hazard Boards.....: 0

237 Utilities Gas.....: 00  
 Water.....: 00  
 Electric.: 00  
 Telephone: 00  
 Sewer.....: 00

247 Lighting Street.....: 0  
 Navigation: 0  
 Aerial.....: 0



## SECTION 3 - Programming Data

## Screen 4

201 Project No.: UNKNOWN  
 202 Plans Available.: 0  
 249 Proposed Proj No: BRSLB-1630 (4)  
 250 Approval Status.: 0000  
 251 P.I. No.: 442850  
 252 Contract Date.: 02/01/02  
 260 Ranking No.: 00000  
 75 Type Work.: 31 1  
 94 Bridge Imp. Cost.: \$000124  
 95 Roadway Imp. Cost.: \$000050  
 96 Total Imp. Cost.: \$000213  
 76 Imp. Length.: 000331  
 97 Imp. Year.: 90  
 114 Future ADT.: 000255 Year: 17

## SECTION 4 - Hydraulic Data

## Screen 5

215 Waterway Data  
 Highwater Elev.: 0193.8 Year: 72  
 Flood Elev.: 0000.0 Freq: 000  
 Avg Streambed Elev: 0186.7  
 Drainage Area.: 00000  
 Area of Opening.: 001050  
 113 Scour Critical.: 6  
 216 Water Depth.: 04.5 Br. Height: 11.2  
 222 Slope Protection.: 6  
 221 Spur Dikes Rear.: 0 Fwd: 0  
 219 Fender System.: 0  
 220 Dolphin.: 0  
 223 Culvert Cover.: 000  
 Type.: 0  
 No Barrels: 0  
 Width.: 00.0  
 Height.: 00.0  
 Length.: 000  
 Apron.: 0

\*265 U/W Insp. Area: 0 Diver.: ZZZ

\*Location I.D. No: 007-01630F-00371N

\*XReferen I.D. No: 000-000000-000000

## Screen 6 == SECTION 5 - Measurements

\* 29 ADT.: 000170 Year: 97  
 109 % Trucks.: 07  
 \* 28 Lanes On.: 02 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 254 FC Classification.: 0  
 255 FC Rank Factor.: 0003  
 \* 48 Max. Span Length.: 0015  
 \* 49 Structure Length.: 000120  
 51 Br. Rdwy. Width.: 024.0  
 52 Deck Width.: 027.6  
 \* 47 Tot. Horz. Cl.: 24.0  
 50 Curb/Sidewalk Width.: 00.5/00.5  
 32 Approach Rdwy Width.: 020  
 \*229 Shoulder Width  
 Rear Lt: 05.0 Type: 8 Rt: 05.0  
 Fwd Lt: 05.0 Type: 8 Rt: 05.0  
 Pavment Width  
 Rear: 20.0 Type: 2  
 Fwd: 20.0 Type: 2  
 Intersection Rear: 0 Fwd: 0  
 36 Safety Features Br. Rail.: 3  
 Transition.: 0  
 App. G. Rail.: 0  
 App. Rail End: 0

## Screen 7

53 Minimum Cl. Over.: 99 99"  
 54 Under: N 00 00"  
 \*228 Min. Vert. Cl  
 Act. Odm. Dir.: 99 99"  
 Opp. Dir.: 99 99"  
 Posted Odm. Dir: 00 00"  
 Opp. Dir.: 00 00"  
 55 Lateral Undercl. Rt: N 99.9  
 56 Lateral Undercl. Lt: 00.0  
 \* 10 Max Min Vert Cl.: 99 99" Dir: 0  
 39 Nav Vert Cl: 000 Horz: 0000  
 116 Nav Vert Cl Closed.: 000  
 245 Deck Thickness Main.: 12.0  
 Deck Thick Approach.: 00.0  
 246 Overlay Thickness.: 00.0  
 211 Tons Structural Steel: 0000  
 212 Year Last Painted.: 0000

## SECTION 6 - Ratings

## Screen 8

66 Inventory Type: 2 Rating: 07  
 64 Operating Type: 2 Rating: 13  
 231 Calculated Loads  
 H-Modified.: 04 1  
 HS-Modified: 00 0  
 Type 3.: 00 0  
 Type 3S2.: 00 0  
 Timber.: 00 0  
 Piggyback.: 00 0  
 261 H Inventory Rating: 04  
 262 H Operating Rating: 07  
 67 Structural Evaluation.: 2  
 58 Deck Condition.: 7  
 59 Superstructure Condition: 7  
 \*227 Collision Damage.: 0  
 60A Substructure Condition.: 3  
 60B Scour Condition.: 8  
 60C Underwater Condition.: N  
 71 Waterway Adequacy.: 8  
 61 Channel Protection Cond.: 6  
 68 Deck Geometry.: 5  
 69 UnderClr. Horz/Vert.: N  
 72 Appr. Alignment.: 8  
 62 Culvert.: N

## SECTION 7 - Posting Data

## Screen 9

70 Bridge Posting Required: 0  
 41 Struct Open, Posted, Cl: P  
 \*103 Temporary Structure.: 0  
 232 Posted Loads H-Modified: 04  
 HS-Modified: 00  
 Type 3.: 00  
 Type 3S2.: 00  
 Timber.: 00  
 Piggyback.: 00  
 253 Notification Date: 04/07/95  
 258 Fed Notify Date: 02/01/95 0

**BRS LB-1630 (4) BAKER COUNTY**  
**P. I. No. 442850**  
**CONCEPT MEETING MINUTES**  
**February 18, 1999**

The meeting began at 10:00 a.m. with Zane Hutchinson, District Design Engineer, presiding. A sign-in sheet was passed around and is attached as part of the minutes. DOT Maintenance, Construction and Baker County were not represented at the meeting. Mr. Hutchinson described the project as a bridge replacement on CR 124 in Baker County at Big Cypress Creek, approximately 12 miles southwest of Newton, Georgia. Mr. Hutchinson described the existing and proposed typical section, traffic counts, existing and proposed right of ways, proposed design speed and the proposed structure. Mr. Hutchinson stated that Mr. Kenny Vickers, District Construction Engineer, met with him before the meeting and requested that the proposed bridge be 32 ft or wider. Mr. Hutchinson stated that the road would be closed during construction and the County would furnish an offsite detour.

Emory Giddens, representing the District Utilities Department, stated that all utilities were located inside the existing right of ways, Mitchell EMC and a private water line is located on the east side of the roadway. The private water line goes under the bridge. The County will be responsible for relocating the private water line. Donnie Murphy, District Utilities Engineer, stated that the private water line cannot be attached to the proposed bridge. Mr. Giddens stated that Mitchell EMC could cut the feed to the power lines during construction.

Danny Gay, representing the District Traffic Operations, stated there is no accident history available for this site being it is an off system road. He stated that the County would make sure their off site detour meets the MUTCD manual guidelines.

Randall Carr, District Environmentalist, stated we would do a C. E. and will need a nationwide 404 permit on this project. There are no UST's or waste sites located on this project.

Mr. Hutchinson asked if there were any other comments or questions about the proposed concept. There were none.

Mr. Hutchinson asked if the committee accepted the concept as proposed. Everyone agreed and the meeting was concluded at 10:10 a.m.

Mr. Charlie Duke, Baker County Manager, called after the meeting and stated he is in agreement with the proposed concept.

# SIGN IN SHEET

**PROJECT NO.: BRSLB-1630 (4)**

**P. I. NO.: 442850**

**COUNTY: BAKER**

**DATE: FEBRUARY 18, 1999**

**TIME: 10:00 am**

[illegible]

## DATA SHEET

**Project Number:** BRSLB-1630 (4) BAKER CO.

**P. I. No.** 442850

**Route No.** NONE

**Let Date:** OCT. 2001

**Project Description:** BRSLB-1630 (4) is a bridge replacement on CR. 124 in Baker Co. at Big Cypress Creek approximately 12 miles Southwest of Newton, Ga. The existing typical section is a Rural two lane roadway with open ditches on 80 ft. of Rights of Way. The proposed typical section is a Rural two lane roadway with open ditches on 100 ft. of Rights of Way. The roadway will be closed during construction with Baker Co. furnishing the off-site detour. The project will begin at approximately ML 2.70 and the concept goes North for 0.18 miles to the end of the project at ML 2.88.

**Existing Typical Section:** 2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)

**Existing Drainage Structure:** CONCRETE BRIDGE 120 FT. X 24 FT. SUFF. RATING 34.9

**Existing Right-of-Way:** 80 FT.

**Traffic Count:** Present 2004 ADT 150 Future 2024 ADT 200

**Posted Speed:** 55 MPH

**Proposed Speed Design:** 55 MPH

**Proposed Typical Section:** 2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)

**Proposed Drainage Structure:** CONCRETE BRIDGE 120 FT. X 32 FT.

**Proposed Right-of-Way:** 100 FT.

**Proposed Detour:** ROADWAY TO BE CLOSED DURING CONSTRUCTION.  
BAKER CO. WILL FURNISH AN OFF-SITE DETOUR.

**Hutchinson, Zane**

**From:** Ebodaghe, Abby  
**Sent:** Tuesday, January 26, 1999 2:56 PM  
**To:** Hutchinson, Zane  
**Subject:** Traffic Assignment for CR 124/FAS 1630 @ Big Cypress Creek

## Department of Transportation State of Georgia

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### INTERDEPARTMENT CORRESPONDENCE

**FILE**      BRSLB-1630-(4), Baker County      **OFFICE** Environment/ Location  
                 P.I. # 442850

**DATE**    January 26, 1999

**FROM**      David E. Studstill, P.E., State Environment/ Location

**TO**          David Crim, District Engineer  
                 **Attn:** Zane Hutchinson

**SUBJECT**    We are furnishing estimated traffic assignments for the above  
                 projects as follows:

2004 AADT =150  
2024 AADT = 200  
K = 9%  
D = 60%  
T = 4%  
24 HR. T = 7%  
S.U. = 4%  
COMB. = 3%

If you have any questions concerning this information please  
contact Gary Langford at (404) 699-4404.

**ACCIDENT HISTORY**  
**BRSLB-1630 (4) BAKER COUNTY**  
**P. I. No. 442850**

There was no accident history available for this off-system roadway.

**BRSLB-1630 (4) BAKER CO.**

**P.I. NO. 442850**

**CR 124 @ BIG CYPRESS CK.**



# **NOTICE OF LOCATION AND DESIGN APPROVAL**

**BRSLB-1630 (4)  
Baker County  
P.I. No. 442850**

**NOTICE** is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the location and design of the above project.

Project BRSLB-1630 (4) will replace the bridge at Big Cypress Creek on CR. 124/FAS 1630.

The date of location approval \_\_\_\_\_.

The proposed project will construct a new <sup>28</sup>~~32~~ ft wide by 120-ft. long bridge over the Big Cypress Creek on CR. 124. The road will be closed during construction and Baker County will furnish an off site detour for the traveling public. The total length of the project is approximately 0.18 miles.

Drawings of the proposed project are on file and are available for public inspection at the Georgia Department of Transportation, 710 West Second Street, Tifton, Georgia 31794.

Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this Notice and may be referred to:

Zane G. Hutchinson  
District Design Engineer  
**Georgia Department of Transportation**  
710 West Second Street  
Tifton, Georgia 31794  
Telephone Number (912) 386-3300



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM  
FLOOD INSURANCE RATE MAP  
BAKER COUNTY,  
GEORGIA  
AND INCORPORATED AREAS**

**PANEL 275 OF 350**

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
BAKER COUNTY	130270	0275	C

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

**MAP NUMBER  
13007C0275 C**

**EFFECTIVE DATE:  
JUNE 19, 1997**



**Federal Emergency Management Agency**

84° 30' 00"  
31° 15' 00"

Project Site

ZONE X

ZONE X

ZONE A

Big

Cypress

Creek

Baker County  
Unincorporated Areas  
130270

253

91

DARY

# PROJECT CONCEPT REPORT

## BRS LB-1630 (4) P. I. NO. 442850 BAKER COUNTY

Federal Route No.: FAS-1630  
State Route No.: NONE

Date of Report: March 15, 1999

### RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date \_\_\_\_\_ State Transportation Planning Administration

Date \_\_\_\_\_ State Transportation Programming Engineer

Date \_\_\_\_\_ State Environmental/Location Engineer

3-15-99   
Date \_\_\_\_\_ District Engineer/Tifton

Date \_\_\_\_\_ Project Review Engineer

Date \_\_\_\_\_ State Traffic Operation Engineer

3-22-99   
Date \_\_\_\_\_ State Bridge & Structural Engineer

### EXISTING ROADWAY

<b>TYPICAL SECTION:</b>	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	<b>RIGHT-OF-WAY WIDTH</b> 80 ft.
<b>POSTED SPEED</b> 55 mph	<b>DEGREE OF CURVE</b> 0	<b>MAX GRADE</b> 1 %

### MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
BIG CYPRESS CREEK	120	24	N/A	34.9

HAZARD INDEX: N/A

### PROPOSED ROADWAY

#### LOCATION ON OLD ALIGNMENT

<b>TYPICAL SECTION:</b>	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
<b>DESIGN SPEED</b> 55 mph	<b>DEGREE OF CURVE</b>		<b>MAX. GRADE</b>	
	<b>ALLOWABLE</b>	6	<b>ALLOWABLE</b>	7 %
	<b>PROPOSED</b>	0	<b>PROPOSED</b>	1 %

### PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
BIG CYPRESS CREEK	120	28' ML 3/22/99

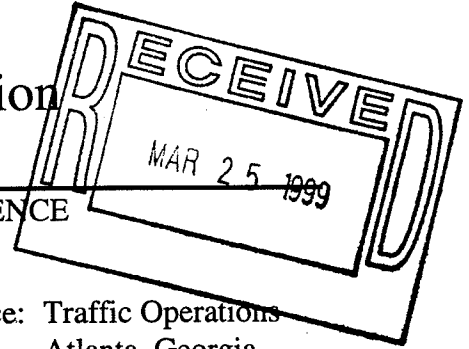
### PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS		
100 ft.	2	RES.: 0	BUS.: 0	M.H.: 0

TYPE OF ACCESS CONTROL: By permit.

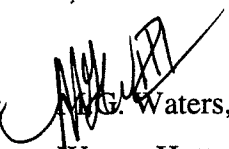
Department of Transportation  
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE



File: BRSLB-1630(4)/Baker County  
P.I. No. 442850

Office: Traffic Operations  
Atlanta, Georgia  
Date: March 23, 1999

From:  M.G. Waters, III, P.E., State Traffic Operations Engineer  
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the replacement of a narrow and unsafe bridge on CR 124 over Big Cypress Creek. The bridge has a sufficiency rating of 34.9. This project is located approximately 12 miles southwest of the city of Newton.

The existing roadway is a two lane, 18 feet of pavement, rural facility with 5 foot graded shoulders and open ditches. The existing bridge is 22 feet in width. The posted speed is 55 mph.

The new bridge will be 32 feet wide with a speed design of 55 mph. The proposed roadway will be a two lane, 22 feet of asphalt pavement, with 5 foot graded shoulders, 4:1 front slopes and open ditches. The design year traffic is 200 AADT.

CR 124 will be closed during construction with an off site detour provided by Baker County.

We believe this concept will improve safety along this section of roadway.

We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill  
David Crim, District Engineer, Tifton  
Attn: Zane Hutchinson  
Bob Mustin, w/ attachment  
Toni Dunagan  
General Files

# PROJECT CONCEPT REPORT


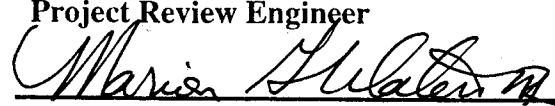
## BRS LB-1630 (4) P. I. NO. 442850 BAKER COUNTY

Federal Route No.: FAS-1630  
State Route No.: NONE

Date of Report: March 15, 1999

### RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date	State Transportation Planning Administration
Date	State Transportation Programming Engineer
Date	State Environmental/Location Engineer
3-15-99	
Date	District Engineer/Tifton
Date	Project Review Engineer
3-24-99	
Date	State Traffic Operation Engineer
Date	State Bridge & Structural Engineer

# PROJECT CONCEPT REPORT

## BRS LB-1630 (4) P. I. NO. 442850 BAKER COUNTY

Federal Route No.: FAS-1630

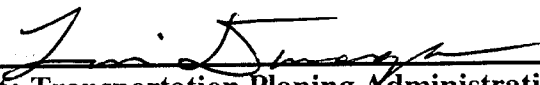
Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

3/26/99  
Date

  
State Transportation Planning Administration


\_\_\_\_\_  
Date

\_\_\_\_\_  
State Transportation Programming Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Environmental/Location Engineer

3-15-99  
Date

  
District Engineer/Tifton

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Review Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Traffic Operation Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
State Bridge & Structural Engineer

# PROJECT CONCEPT REPORT

## BRS LB-1630 (4) P. I. NO. 442850 BAKER COUNTY

Federal Route No.: FAS-1630

Date of Report: March 15, 1999

State Route No.: NONE

### RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date \_\_\_\_\_ State Transportation Planning Administration

Date \_\_\_\_\_ State Transportation Programming Engineer

Date \_\_\_\_\_ State Environmental/Location Engineer

3-15-99 \_\_\_\_\_

Date \_\_\_\_\_ District Engineer/Tifton

3/22/99 \_\_\_\_\_  
Date \_\_\_\_\_ Project Review Engineer

Date \_\_\_\_\_ State Traffic Operation Engineer

Date \_\_\_\_\_ State Bridge & Structural Engineer